

City of Ann Arbor IT Standards

DESKTOP, LAPTOP:

Operating System **Windows XP SP3**

DESKTOP APPLICATIONS:

Word Processor **Microsoft Word 2007**
 Spreadsheet **Microsoft Excel 2007**
 Presentation **Microsoft PowerPoint 2007**
 Database **Microsoft Access 2007**
 E-Mail Client **Microsoft Outlook 2007/ Outlook Web Access/ Outlook Mobile**
 Collaboration **Microsoft SharePoint Portal 2007**
 Project Management **Microsoft Project 2007**
 Graphics **Microsoft Visio 2007**
 Multi Media **Microsoft Media Player 11**

SPECIALTY APPLICATIONS:

Web Browser **Microsoft Internet Explorer 7**
 Antivirus **Trend Micro OfficeScan (latest release) for Workstations**
 Financial Systems **AMS Advantage Financial, AMS Advantage BRASS, AMS InfoAdvantage**
 Human Resource Systems **Ultipro Payroll & Human Resources Software**
 GIS **ESRI Suite (current version), Orion OnPoint, Google Earth, Microsoft Visual Earth**

SERVERS:

Operating System **Microsoft Windows Server 2008 64 Bit Standard Edition, Microsoft Windows Server 2008 Enterprise Server 64 Bit (clustering or servers with 4 processors or more), IBM AIX (latest release), LINUX Red Hat on INTEL**

Thin Client Access **Microsoft Terminal Server, Citrix**

Hardware **Intel (Windows), IBM pSeries(AIX)**

Backup **Veritas Net Backup**

Storage **EMC SAN Technology
 - Clarion, Centura, Disk Library 4100
 Dell ISCSI MD3000i**

E-Mail **Microsoft Exchange Server 2003 Enterprise Edition**

Content Management System **OnBase Document Management
 Microsoft Office SharePoint Server 2007**

Web Application Servers **Microsoft Internet Information Server (latest release), .NET Framework, Active Server Pages / ASP.NET (latest release)**

Database **Oracle 10g, Microsoft SQL Server 2005**

Communications Protocol **TCP/IP**

PLATFORM ARCHITECTURE STANDARDS: END USER DEVICES

| COMPONENT | DESKTOPS/ HIGH END USERS | LAPTOPS | CONVERTIBLE LAPTOPS |
|--|--|--|--|
| POWER | Single | Single | Single |
| CPU | Pentium IV 3.0 GHz 800 FSB | Pentium IV 1.6 GHz | Pentium IV 1.7 GHz |
| DISK CONFIGURATION | 80 GB Hard Drive, 3.5 Floppy , 48X DVD CD-RW Combo Drive | 80 GB Hard Drive, DVD-CDRW Combo Drive | 80 GB Hard Drive, DVD-CDRW Combo Drive |
| RAM | 2 GB 2 DIMMS, expandable | 2 GB 1 DIMMS | 2 GB 1 DIMMS |
| MONITOR | 21" SVGA, Ultra Sharp, Flat Panel | Active/Passive Matrix (dependent on resident applications) | Active/Passive Matrix (dependent on resident applications) |
| INTERFACE CARD(S) | Ethernet 10/100/1000 Base- T | Built-in Ethernet card, 802.11a, 802.11g, 802.11n, EVDO | Built-in Ethernet card, 802.11a, 802.11g, 802.11n |
| OPERATING SYSTEM | Windows XP Pro | Windows XP Pro | Windows XP Pro |
| FILE SYSTEM | NTFS | NTFS | NTFS |
| MAINTENANCE | 3 Year on-site, next business day | 3 Year on-site, next business day | 3 Year on-site, next business day |
| ADDITIONAL HARDWARE REQUIREMENTS | UL Approved Surge Processor (new) Sound Card, 2 USB Ports | UL Approved Surge Processor (new) Back-up Battery Docking Station (if used as desktop) Security Lock | UL Approved Surge Processor (new) Back-up Battery Docking Station (if used as desktop) Security Lock |
| THIRD PARTY SOFTWARE | Trend Micro Anti-Virus, Microsoft Internet Explorer V7, MS Office Suite 2007, MS Outlook 2007, Adobe Reader, Altiris Asset Management Client | Trend Micro Anti-Virus, Microsoft Internet Explorer V7, MS Office Suite 2007, MS Outlook 2007, Adobe Reader, Altiris Asset Management Client | Trend Micro Anti-Virus, Microsoft Internet Explorer V7, MS Office Suite 2007, MS Outlook 2007, Adobe Reader, Altiris Asset Management Client |
| PRE-INSTALL OPTIONS | All components (hardware) installed | All components (hardware) installed | All components (hardware) installed |
| PREFERRED MANUFACTURER | HP | HP | HP |
| OPTIONAL (AS REQUIRED FOR BUSINESS NEEDS) | Speakers Head phones Additional memory Additional hard drive | Speakers Head phones | Speakers Head phones |

**PLATFORM ARCHITECTURE STANDARDS:
HAND HELD MOBILE DEVICES**

| COMPONENT | |
|-------------------------------|---------------------------------|
| PLATFORM | Windows Mobile (latest release) |
| SOFTWARE COMPATIBILITY | Microsoft Active Sync |
| CONNECTIVITY | EVDO, 802.11g or USB enabled |